

54. (NEW) The method according to claim 53, wherein the mammal is human or mammalian fluid is from a human.

55. (NEW) The method according to claim 1, wherein enzymatically modifying an adhesion further comprises decreasing adhesion.

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56. (NEW) The method according to claim 9 or claim 55, wherein said decreasing fights biofouling, reduces dental caries, treats symptoms of infection in a patient in need thereof, treats infection in a patient in need thereof, treats ulcers in a patient in need thereof, serves as birth control in a patient in need thereof, reduces contamination of eggs and/or other poultry products, treats infection of periodontal tissue, eye, ear or throat in a patient in need thereof, kills mosquito larvae or fights skin infections.

57. (NEW) The method according to claim 1 or claim 9, wherein the microorganism is at least one selected from the group consisting of *S. sobrinus*, *S. sanguis*, *A. naeslundii*, *E. coli*, *Porphyromonas gingivalis* W50, *Actinobacillus actinomycetemcomitans* 33384, *F. nucleatum* 25586, *Capnocytophaga ochracea* 27872, *P. intermedia* 25611, *S. cerevisia*, *Saccharomyces*, *P. aeruginosa*, *Streptococcus pneumoniae*, *Haemophilus influenzae* and *S. enteritidis*--.
